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				Application Number	To be Assigned
				Confirmation Number	To be Assigned
				Filing Date	October 27, 2003
				First Named Inventor	TAKAHASHI, Tomoaki
				Art Unit	To be Assigned
Examiner Name	To be Assigned				
Sheet	1	of	1	Attorney Docket Number	Q78043

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,008,689		04/16/1991	Pan et al.
		US 4,574,445		03/11/1986	Bentin et al.
		US 4,846,747 A		07/11/1989	Higashinakagawa et al.
		US 5,604,522 A		02/18/1997	Miura et al.
		US 5,963,234 A		10/05/1999	Miyazawa et al.
		US			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		WO	93-25390		12/23/1993	Seiko Epson Corporation	
		EP	0 616 890 A1		09/28/1994	Seiko Epson Corporation	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶	
		AN ENCYCLOPEDIA OF METALLURGY AND MATERIALS, C. R. Tottle, page 73 Dictionary of Metallurgy, Colin D. Brown		
		Japanes Abstract No. 10193612, dated 07/28/1998		

Examiner Signature		Date Considered	
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